

ABSTRACT OF THE DISCLOSURE

A field emission display (FED) . A vacuum assembly is formed with first and second substrates and a sealant. An electron emission assembly is formed on the first substrate and emits electrons by the formation of electric fields. An illumination assembly is formed on the second substrate and realizes a display of images by electrons emitted from the electron emission assembly. The illumination assembly includes a transparent conductive layer formed on the second substrate and having an anode input terminal that extends outside the vacuum assembly and to which an anode voltage is applied, a phosphor screen formed on the transparent conductive layer, and a metal layer formed on the phosphor screen within the vacuum assembly in such a manner that a portion of the metal layer contacts the transparent conductive layer.

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